

# SEQUENCE LISTING

<110> CHOO, YEN  
ISALAN, MARK

<120> NUCLEIC ACID BINDING PROTEINS

<130> 71278/273884

<140> 09/646,353

<141> 2000-09-17

<150> GB 9805576.7

<151> 1998-03-17

<150> GB 9806895.0

<151> 1998-03-31

<150> GB 9807246.5

<151> 1998-04-03

<160> 39

<170> PatentIn Ver. 2.1

<210> 1

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<223> Description of Artificial Sequence: Synthetic peptide

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Pro Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Lys Ser Asp  
1 5 10 15

Leu Val Lys His Gln Arg Thr His Thr Gly  
20 25

<210> 2

<211> 29

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 2

Pro Tyr Lys Cys Ser Glu Cys Gly Lys Ala Phe Ser Gln Lys Ser Asn  
1 5 10 15

Leu Thr Arg His Gln Arg Ile His Thr Gly Glu Lys Pro  
20 25

<210> 3

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 3

Thr Gly Glu Lys Pro  
1 5

OIP  
APR 12 2002  
U.S. PATENT & TRADEMARK OFFICE

346  
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012

<210> 4  
<211> 9  
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oligonucleotide

<220>  
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<222> (5)  
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<400> 4  
gcggnngcg  
9

<210> 5  
<211> 10  
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<220>  
<223> Description of Artificial Sequence: Zinc Finger  
peptide

a12  
<400> 5  
Arg Glu Asp Val Leu Ile Arg His Gly Lys  
1 5 10

<210> 6  
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<220>  
<223> Description of Artificial Sequence: Synthetic peptide

<400> 6  
Arg Ala Asp Ala Leu Met Val His Lys Arg  
1 5 10

<210> 7  
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<212> PRT  
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<400> 7  
Arg Gly Pro Asp Leu Ala Arg His Gly Arg  
1 5 10

<210> 8  
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<223> Description of Artificial Sequence: Synthetic peptide

<400> 8

Arg Ala Asp Ala Leu Met Val His Lys Arg  
1 5 10

<210> 9

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic peptide

<400> 9

Arg Gly Pro Asp Leu Ala Arg His Gly Arg  
1 5 10

<210> 10

<211> 10

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 10

Arg Glu Asp Val Leu Ile Arg His Gly Lys  
1 5 10

<210> 11

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 11

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<210> 12

<211> 39

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<220>

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<222> (8)..(11)

<223> GGMC or GMGC, WHERE M IS 5-METHYL CYTOSINE

<400> 12

tatagtgnnn nggcgtgtca cagtcagtc acacacgtc  
39

a12

<210> 13  
<211> 9  
<212> DNA  
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<220>  
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oligonucleotide

<400> 13  
ggcccggcg  
9

<210> 14  
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oligonucleotide

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9

a12  
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<220>  
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oligonucleotide

<400> 15  
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39

<210> 16  
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oligonucleotide

<400> 16  
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39

<210> 17  
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<210> 18  
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a12  
<210> 20  
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peptide

<400> 20  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 21  
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<212> PRT  
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peptide

<400> 21  
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<210> 22  
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<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 22  
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<210> 23  
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peptide

<400> 23  
Arg Ser Asp Glu Leu Thr Arg  
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<210> 24  
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<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 24  
Arg Ser Asp Glu Leu Thr Arg  
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<210> 25  
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<220>  
<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 25  
Arg Ser Asp Asp Leu Ser Gln  
1 5

<210> 26  
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peptide

<400> 26  
Arg Ser Asp Asp Leu Thr Arg  
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<210> 27  
<211> 7

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<212> PRT  
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<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 27  
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<210> 28  
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<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 28  
Arg Ser Asp His Leu Ser Ala  
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<210> 29  
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<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 29  
Arg Ser Asp Asp Leu Ser Thr  
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<210> 30  
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<212> PRT  
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<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 30  
Arg Lys His His Arg Lys Glu  
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<210> 31  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 31  
Tyr Asp Gly Ala Arg Lys Arg  
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a12

<210> 32  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 32  
His Asn Arg Asp Arg Lys Arg  
1 5

<210> 33  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 33  
Thr Asn Ser Thr Arg Thr Lys  
1 5

<210> 34  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: Zinc finger  
peptide

<400> 34  
Arg Asn Asp His Arg Lys Thr  
1 5

<210> 35  
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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<220>  
<221> misc\_feature  
<222> (4)  
<223> 5-METHYL CYTOSINE

<400> 35  
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<210> 36  
<211> 9  
<212> DNA

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 36

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<210> 37

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<223> 5-METHYL CYTOSINE

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ggngcggcg

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<210> 38

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic  
oligonucleotide

<400> 38

ggcgcggcg

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<212> PRT

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 39

Met Ala Glu Glu Lys Pro

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<210> 40

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic zinc finger  
peptide

<400> 40

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sub  
BT  
2012  
anal

-10

-5

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Xaa Leu Xaa Xaa His Xaa Xaa Xaa His  
5 10